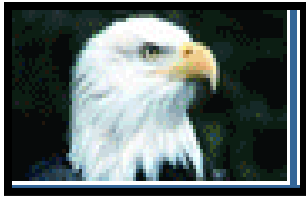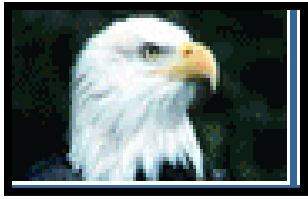# Module 1: Overview

- What is required?
- What is an EMS?
- What are key Army Issues?

What is required?

- **Executive Order 13148, "Greening of Government Through Excellence in Environmental Management"**
  - Section 401(a)& (b)

- **Implement EMS at all appropriate federal facilities by 12/31/05**

    - "based on the Code of Environmental Management Principles (CEMP) for Federal Agencies developed by EPA
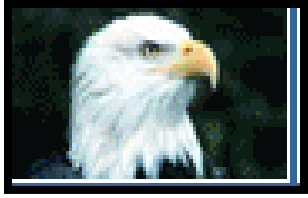   - another appropriate environmental management system framework"

E.O. 13148

- **Section 401(a)**
  - Agency EMS self assessment by 10/21/01
  - EMS Pilot Program by 4/21/02

- **Section 401(b)**
  - EMS at all 'appropriate' federal facilities by 12/31/05
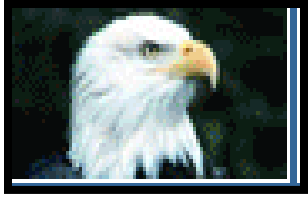
- **Annual Report to EPA**

Environmental Management Systems

- **Definition:**
  - "that part of the **overall management system** which includes organizational structure, planning activities, responsibilities, practices, procedures, processes, and resources for developing, implementing, achieving, reviewing, and maintaining environmental policy" (ISO 14001).

- **Basic elements:**
  - Environmental Policy
  - Planning
  - Implementation and Operation
  - Checking and Corrective Action
  - Management Review

ISO 14001 Elements

1.0 Scope

2.0 Normative references

3.0 Definitions

4.0 Environmental management system requirements

4.1 General requirements

4.2 Environmental policy
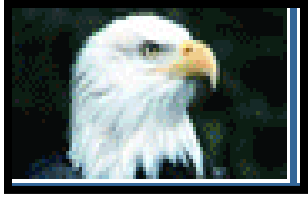
4.3 Planning

   4.3.1   Environmental aspects

   4.3.2   Legal and other requirements

   4.3.3   Objectives and targets
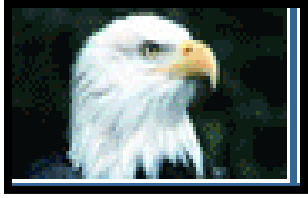
   4.3.4   Environmental management programme(s)

ISO 14001 Elements(cont)

4.0 Environmental management system requirements

4.4 Implementation and operation

    4.4.1   Structure and responsibility

    4.4.2   Training, awareness, and competence

    4.4.3   Communication

    4.4.4   Environmental management system documentation

    4.4.5   Document control

    4.4.6   Operational control
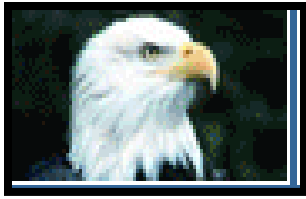
    4.4.7   Emergency preparedness and response

ISO 14001 Elements(cont)

4.0 Environmental management system requirements

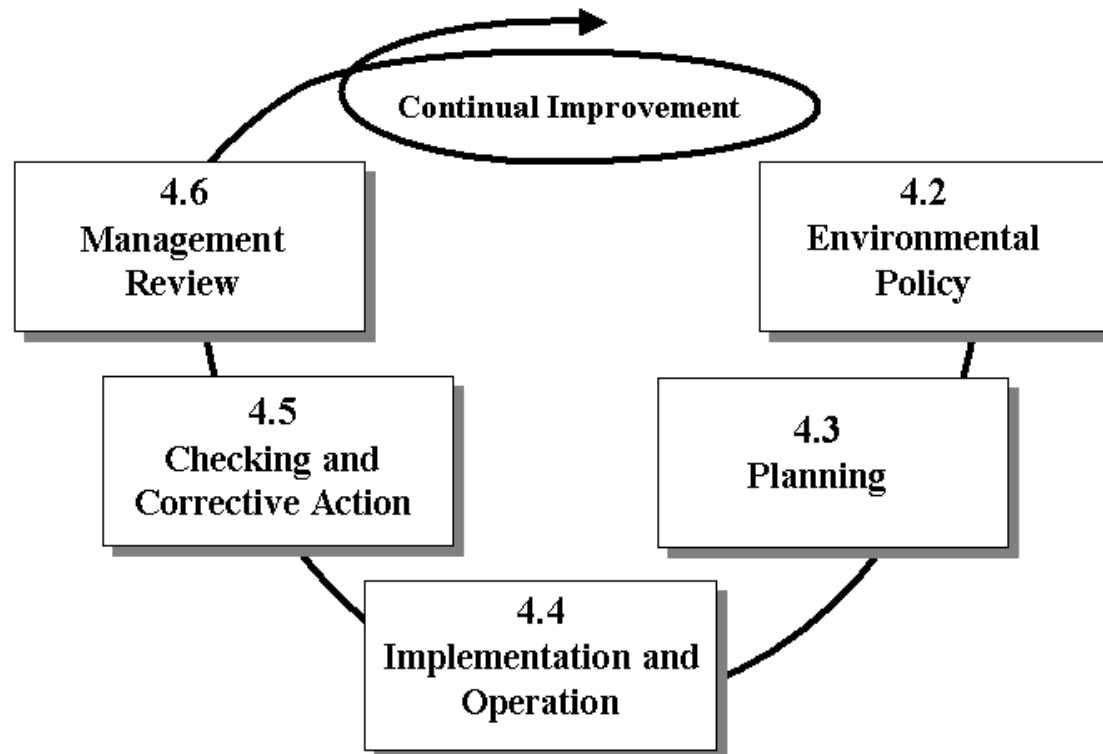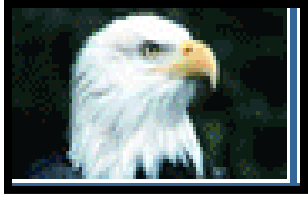4.5 Checking and corrective action

    4.5.1   Monitoring and measurement

    4.5.2   Nonconformance & corrective & preventive action

    4.5.3   Records

    4.5.4   Environmental management system audit

4.6 Management review

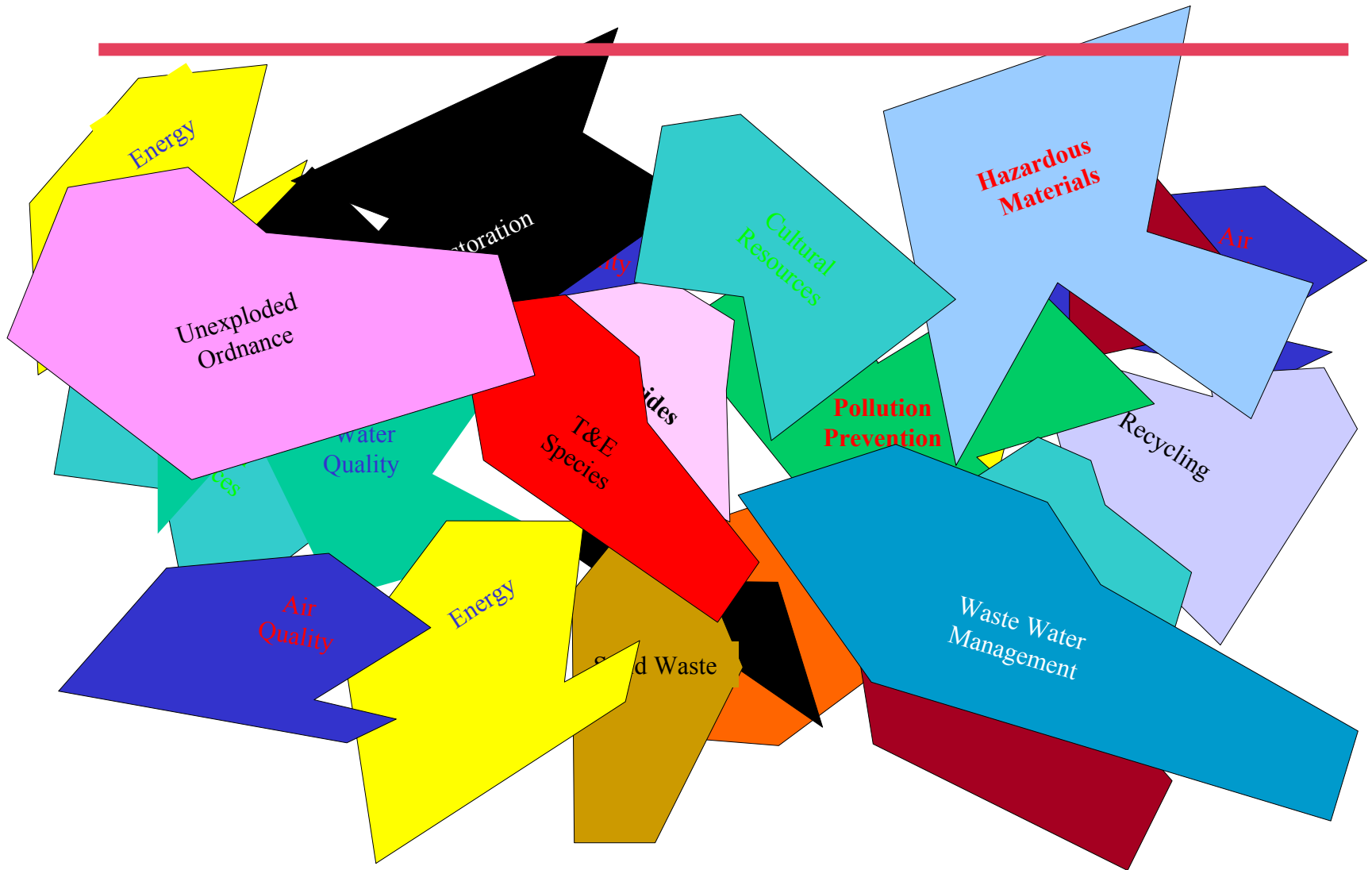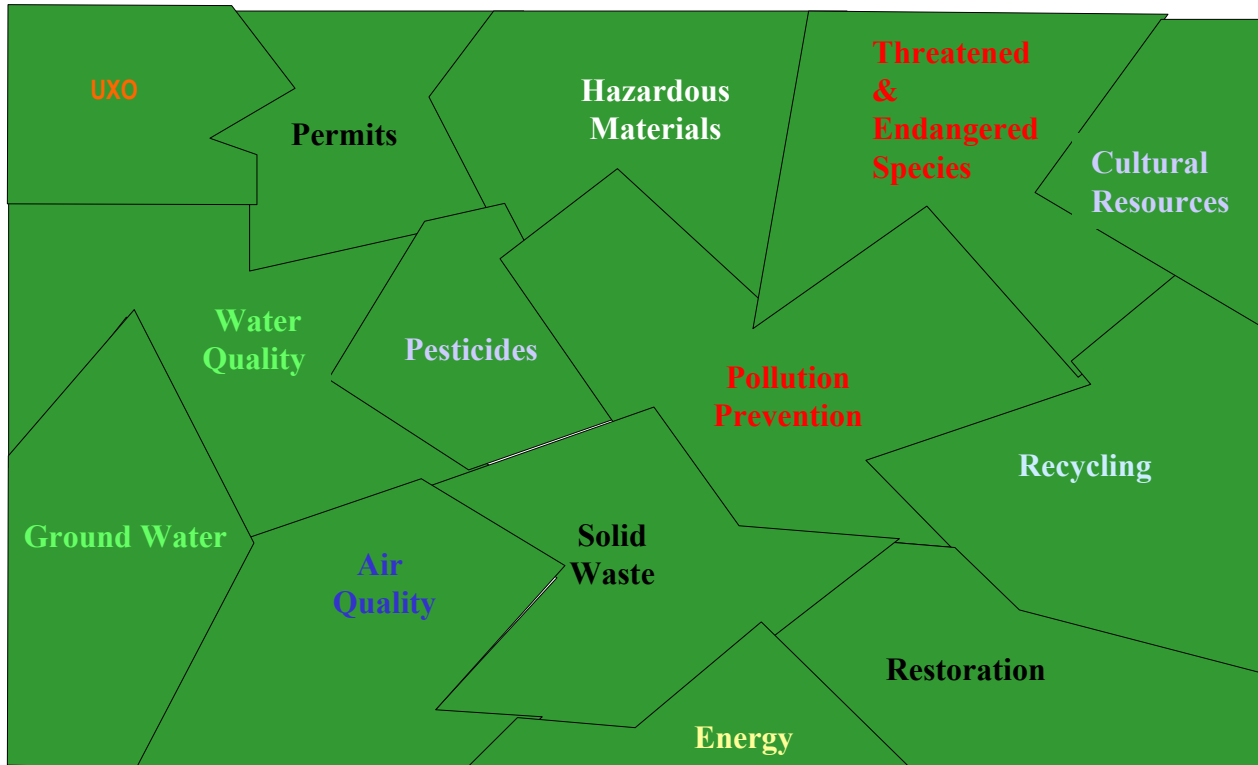# Environmental Management System

Current Status

- **Mature environmental programs**

- **Strong commitment to compliance & an improving record**

- **Many EMS elements in place but --**

  - Not a system

  - Not interoperable across organizations

  - Not externally recognizable
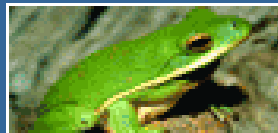
  - Not mission targeted

Without EMS

With EMS

www.denix.osd.mil/ems

Environmental Management Systems

Elements of an EMS

What is an EMS?

Environmental Policy Statement

Guidance

Self-Assessment

Resources
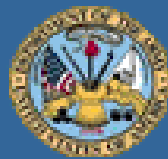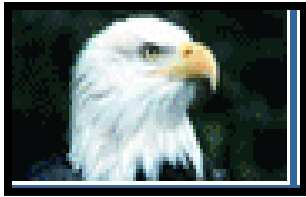
EMS Pilot Studies

EMS Presentations

Tools & Training

POCs

Benchmarking Other Organizations

ISO Access to ISO Standards

Websites

- **Army track of DENIX EMS site (click on Army shield at bottom)
http://www.denix.osd.mil/ems**

- **USEPA Office of Federal Facilities
http://www.epa.gov**

- **American National Standards Institute (ANSI)
http://www.ansi.org/iso14000/index.htm**

- **National Database on Environmental Management Systems
http://www.eli.org/isopilots**

- **EMS Multi-state Working Group
http://www.mswg.org**

Congratulations

You have completed Module 1